Patent Application

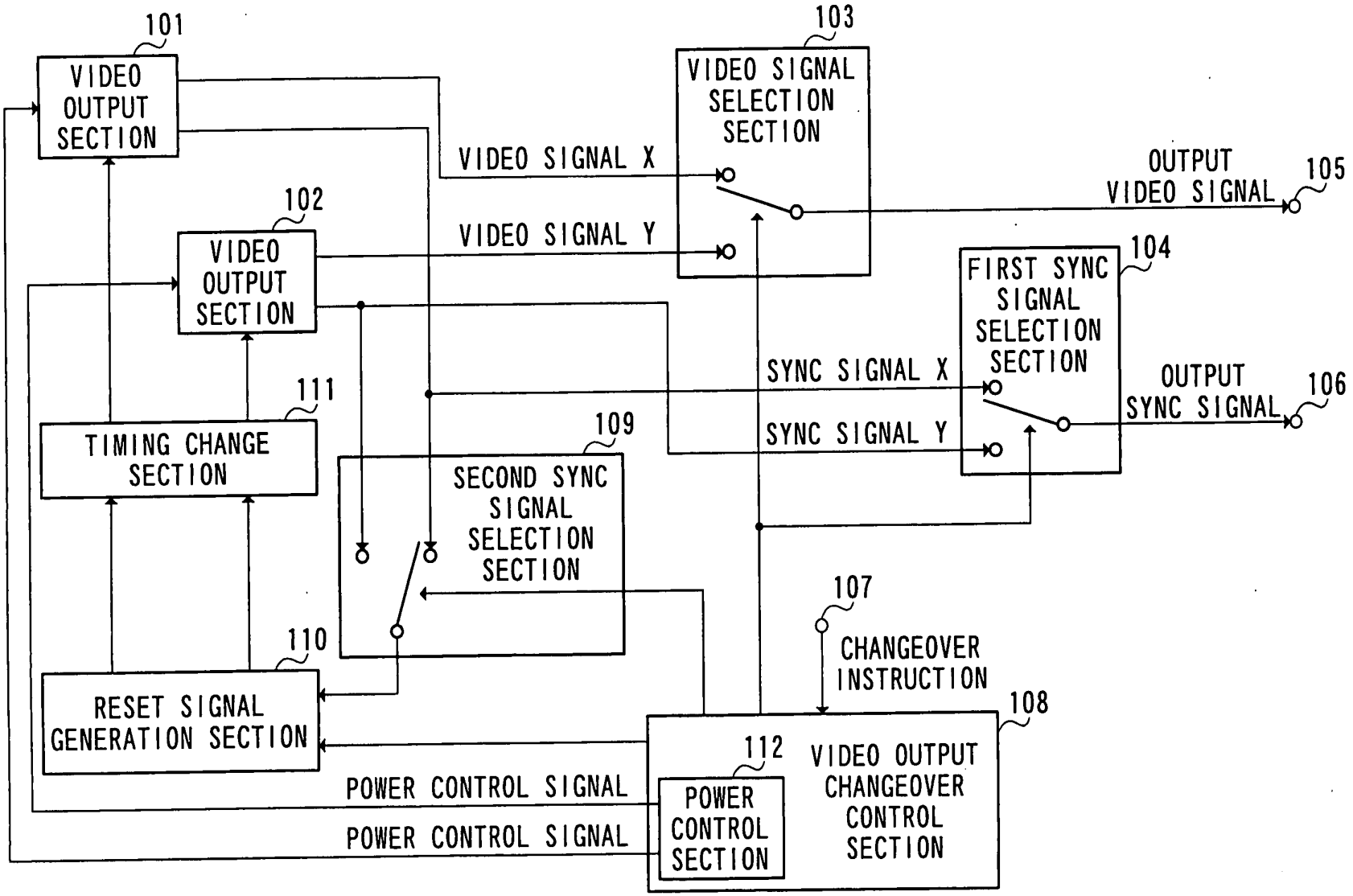


FIG. 1

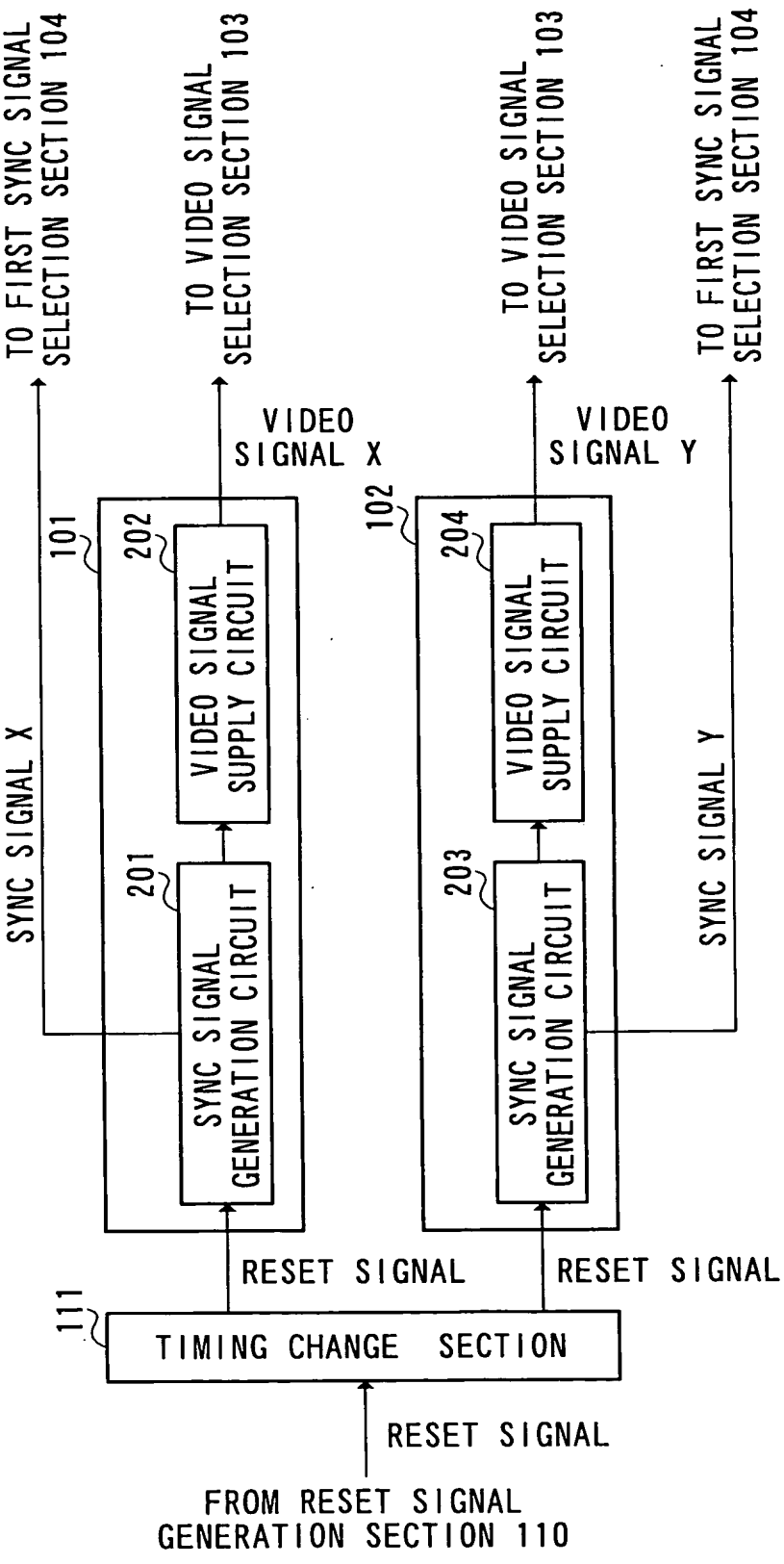

TO FIRST SYNC SIGNAL SELECTION SECTION 104
TO VIDEO SIGNAL SELECTION SECTION 103
TO VIDEO SIGNAL SELECTION SECTION 103
TO FIRST SYNC SIGNAL SELECTION SECTION 104
VIDEO SIGNAL X
VIDEO SIGNAL Y
101
102
202
204
VIDEO SIGNAL SUPPLY CIRCUIT
VIDEO SIGNAL SUPPLY CIRCUIT
201
203
SYNC SIGNAL GENERATION CIRCUIT
SYNC SIGNAL GENERATION CIRCUIT
SYNC SIGNAL X
SYNC SIGNAL Y
RESET SIGNAL
RESET SIGNAL
111
TIMING CHANGE SECTION
RESET SIGNAL
FROM RESET SIGNAL GENERATION SECTION 110

FIG. 2

Patent Publication

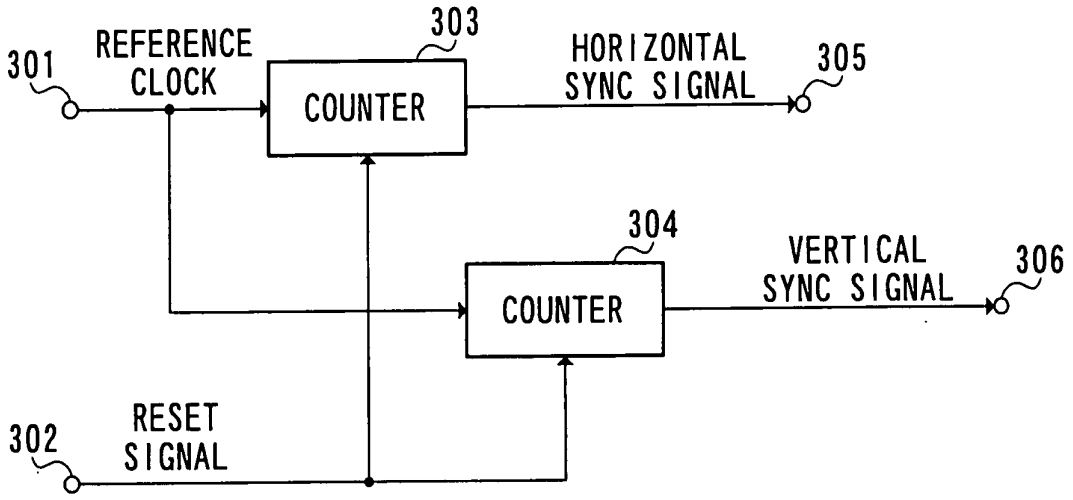


FIG. 3

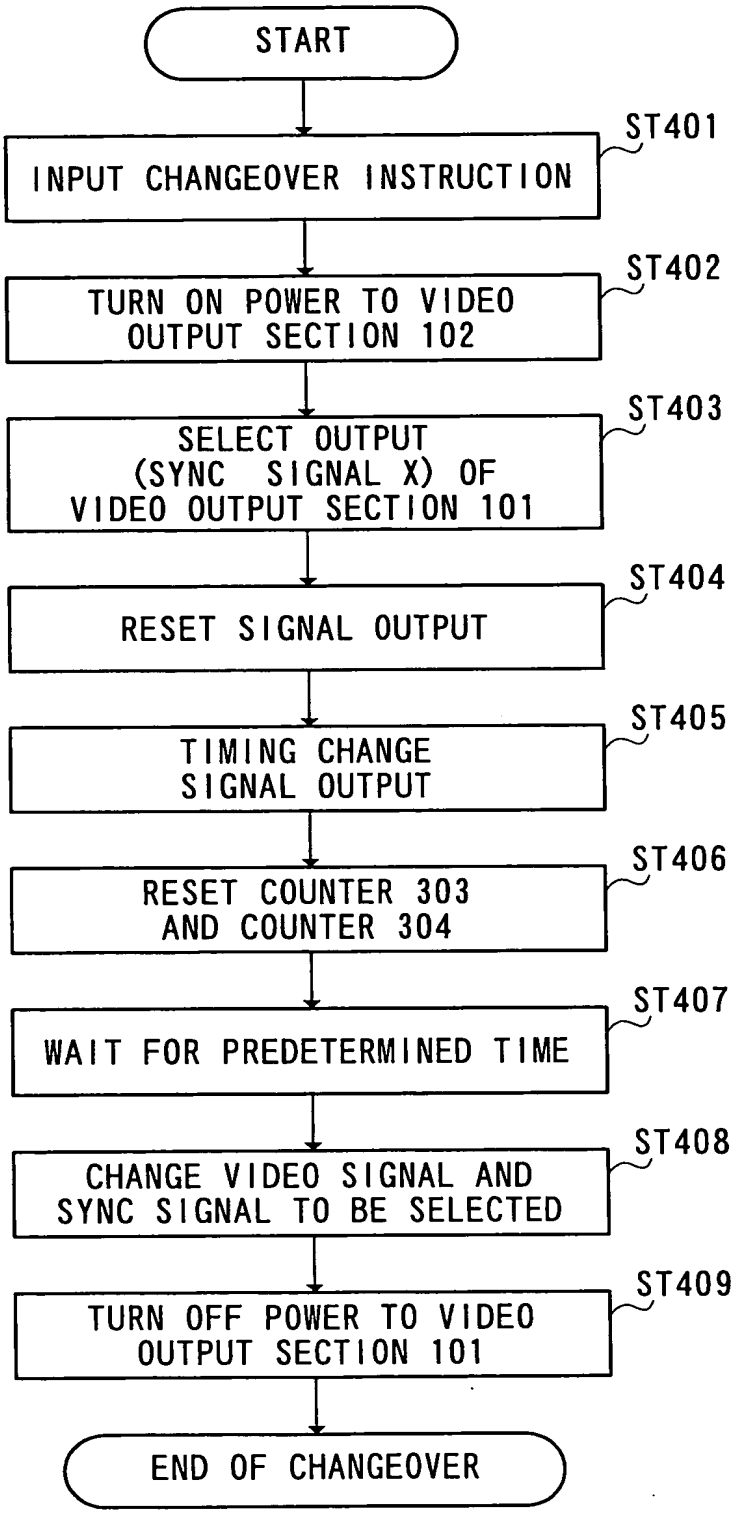

START
ST401
INPUT CHANGEOVER INSTRUCTION
ST402
TURN ON POWER TO VIDEO OUTPUT SECTION 102
ST403
SELECT OUTPUT (SYNC SIGNAL X) OF VIDEO OUTPUT SECTION 101
ST404
RESET SIGNAL OUTPUT
ST405
TIMING CHANGE SIGNAL OUTPUT
ST406
RESET COUNTER 303 AND COUNTER 304
ST407
WAIT FOR PREDETERMINED TIME
ST408
CHANGE VIDEO SIGNAL AND SYNC SIGNAL TO BE SELECTED
ST409
TURN OFF POWER TO VIDEO OUTPUT SECTION 101
END OF CHANGEOVER

FIG. 4

FIG. 5A REFERENCE CLOCK

FIG. 5B VERTICAL SYNC SIGNAL OUTPUT BY VIDEO OUTPUT SECTION 101 (VSYNC)

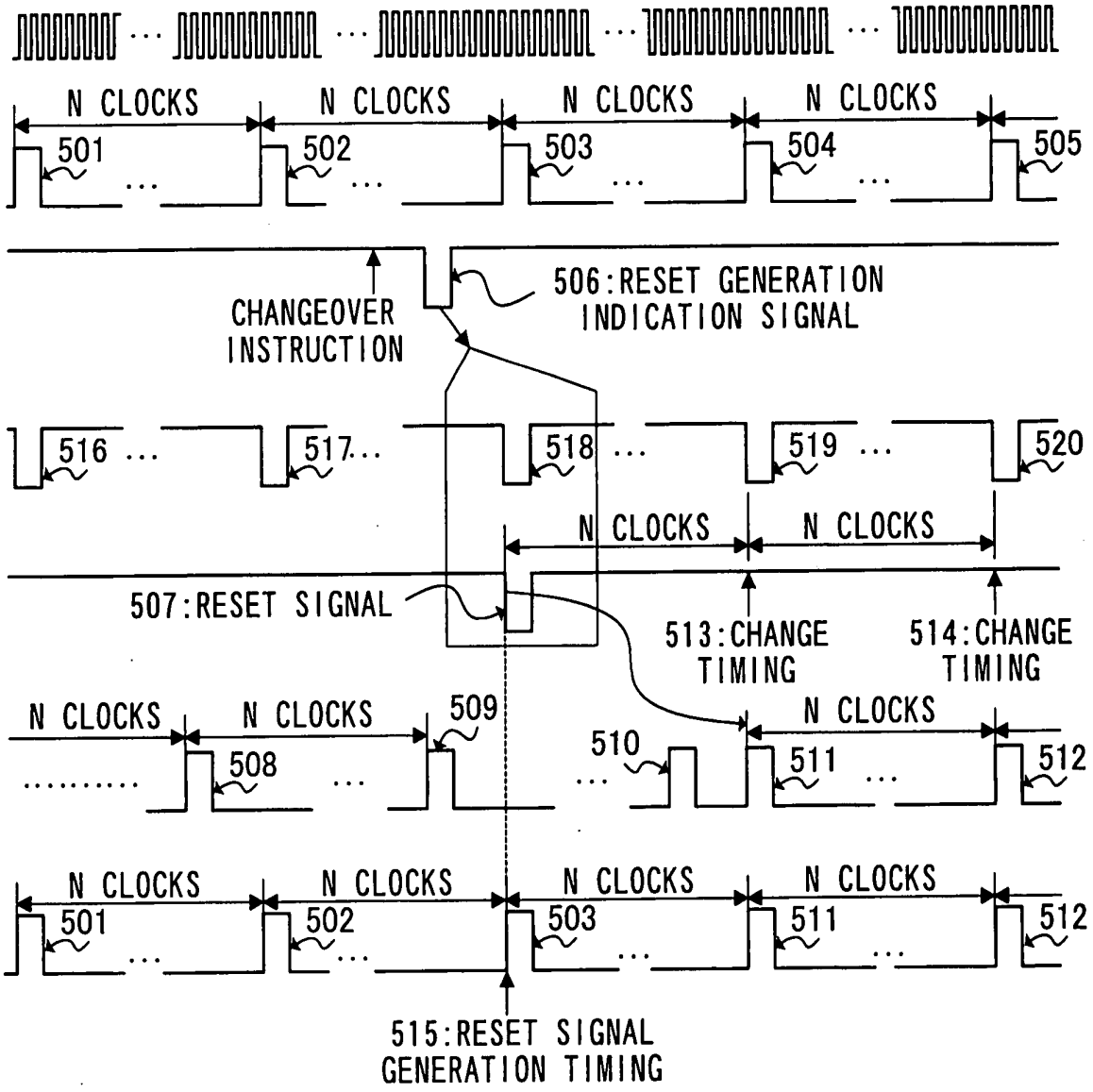
FIG. 5C RESET SIGNAL GENERATION INSTRUCTION OUTPUT BY VIDEO OUTPUT CONTROL SECTION 108

FIG. 5D SIGNAL INVERTING VERTICAL SYNC SIGNAL INPUT TO RESET SIGNAL GENERATION SECTION 110 (VSYNC')

FIG. 5E RESET SIGNAL

FIG. 5F VERTICAL SYNC SIGNAL OUTPUT BY VIDEO OUTPUT SECTION 102

FIG. 5G VERTICAL SYNC SIGNAL OUTPUT TO OUTPUT TERMINAL 105



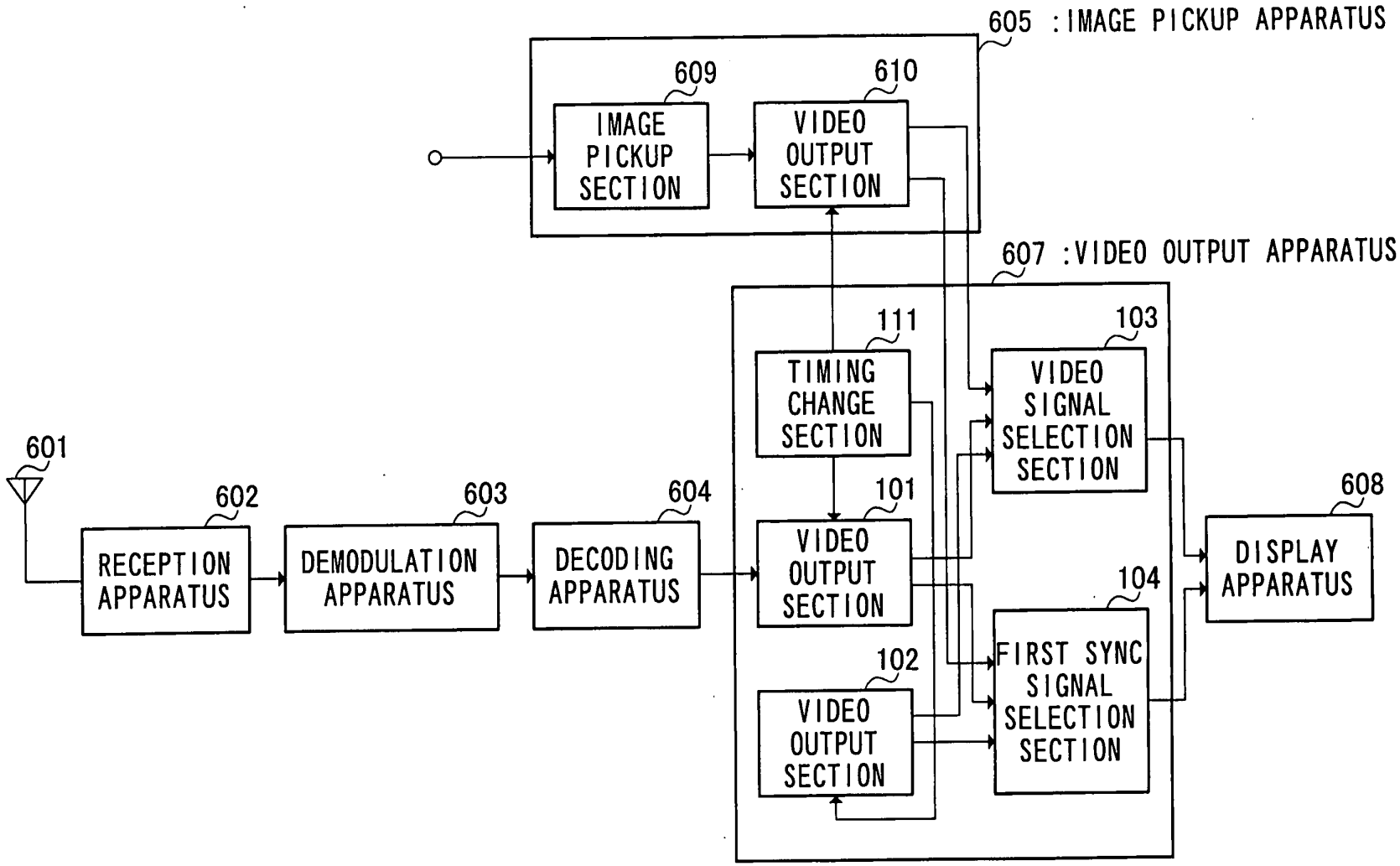

605 :IMAGE PICKUP APPARATUS
609
610
IMAGE PICKUP SECTION
VIDEO OUTPUT SECTION
607 :VIDEO OUTPUT APPARATUS
111
103
TIMING CHANGE SECTION
VIDEO SIGNAL SELECTION SECTION
601
602
603
604
101
608
RECEPTION APPARATUS
DEMODULATION APPARATUS
DECODING APPARATUS
VIDEO OUTPUT SECTION
DISPLAY APPARATUS
104
102
FIRST SYNC SIGNAL SELECTION SECTION
VIDEO OUTPUT SECTION

FIG. 6